Masashi Tokunaga

List of Publications by Year
in descending order

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281	5,899	94381	98753
papers	citations	37 h-index	67 g-index

289	289	289	6324
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Extremely high upper critical field in BiCh2-based (Ch: S and Se) layered superconductor LaO0.5F0.5BiS2â^'xSex (xâ€‰=â€‰0.22 and 0.69). Scientific Reports, 2022, 12, 288.	1.6	10
2	Field-induced multiple metal-insulator crossovers of correlated Dirac electrons of perovskite CaIrO3. Npj Quantum Materials, 2022, 7, .	1.8	4
3	Elastic Soft Mode and Electric Quadrupole Response in Excitonic Insulator Candidate (Ta_{0.952}V_{0.048})₂NiSe₅: Contribution of Electronâ€“Phonon Interaction. Journal of the Physical Society of Japan, 2022, 91, .	0.7	1
4	Multipole polaron in the devilâ€™s staircase of CeSb. Nature Materials, 2022, 21, 410-415.	13.3	9
5	High-field magnetization and magnetoresistance of the honeycomb Kondo lattice alloys Ce(Pt<sub>1-x) Tj ETQq1 1 0.784314 rgBT /Ove 2164, 012033.	0.3	0
6	Magnetism of Al_xFe_{2â^'}_xGeO₅ with Andalusite Structure. Journal of the Physical Society of Japan, 2022, 91, .	0.7	1
7	Ferroelectric Transition of a Chiral Molecular Crystal BINOLâ^™2DMSO. Journal of the Physical Society of Japan, 2022, 91, .	0.7	2
8	Magnetovolume Effect on the First-Order Metamagnetic Transition in UTe₂. Journal of the Physical Society of Japan, 2022, 91, .	0.7	10
9	Spin-orbit-derived giant magnetoresistance in a layered magnetic semiconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>AgCrSe</mml:mi><mml:mn>2</mml:mn></mml:msub></ Physical Review Materials, 2022, 6, .	0.9	8
10	Closing the hybridization charge gap in the Kondo semiconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SmB</mml:mi><mml:mn>6</mml:mn></mml:msub></mm with an ultrahigh magnetic field. Physical Review B, 2022, 105, .	1.1	2
11	Two Distinct Cu(II)â€“V(IV) Superexchange Interactions with Similar Bond Angles in a Triangular â€œCuV₂â€•Fragment. Inorganic Chemistry, 2022, 61, 10234-10241.	1.9	3
12	Topological Phase Transitions and Critical Phenomena Associated with Unwinding of Spin Crystals by High Magnetic Fields. Journal of the Physical Society of Japan, 2022, 91, .	0.7	3
13	Enhancement of giant magnetoelectric effect in Ni-doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CaBaCo</mml:mi><mml:mn>4</mml:mn></ mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2022, 105, .	1.1	10
14	Long-distance polarizing microscope system combined with solenoid-type magnet for microscopy and simultaneous measurement of physical parameters. Review of Scientific Instruments, 2022, 93, 073702.	0.6	2
15	Martensitic Transformation and Metamagnetic Transition in Co-V-(Si, Al) Heusler Alloys. Metals, 2021, 11, 226.	1.0	3
16	Giant anomalous Hall effect from spin-chirality scattering in a chiral magnet. Nature Communications, 2021, 12, 317.	5.8	40
17	Geometrical Hall effect and momentum-space Berry curvature from spin-reversed band pairs. Physical Review B, 2021, 103, .	1.1	8
18	Observation of inverse magnetocaloric effect in magnetic-field-induced austenite phase of Heusler alloys <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ni</mml:mi><mml:mrow></mml:mrow><mml:mn>50</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review Materials, 2021, 5, .	0.9	4

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19	Field-induced valence fluctuations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>YbB</mml:mi><mml:mn>12</mml:mn></mml:msub></mml:math> Physical Review B, 2021, 103, .	1.1	4
20	Quantum transport observed in films of the magnetic topological semimetal EuSb2. Physical Review B, 2021, 103, .	1.1	1
21	Spin Excitations of the S = 1/2 One-Dimensional Ising-Like Antiferromagnet BaCo₂V₂O₈ in Transverse Magnetic Fields. Journal of the Physical Society of Japan, 2021, 90, 044704.	0.7	3
22	Quantum transport of topological spin solitons in a one-dimensional organic ferroelectric. Physical Review B, 2021, 103, .	1.1	1
23	Tunable spin-valley coupling in layered polar Dirac metals. Communications Materials, 2021, 2, .	2.9	7
24	Molecular beam deposition of a new layered pnictide with distorted Sb square nets. APL Materials, 2021, 9, 051107.	2.2	3
25	Enhancing Thermopower and Nernst Signal of Highâ€Mobility Dirac Carriers by Fermi Level Tuning in the Layered Magnet EuMnBi₂. Advanced Functional Materials, 2021, 31, 2102275.	7.8	8
26	Anisotropic Physical Properties of Layered Antiferromagnet U₂Pt₆Ga₁₅. Journal of the Physical Society of Japan, 2021, 90, 074707.	0.7	0
27	Ferroelectric polarization reversal in multiferroic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>MnWO</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math> via a rotating magnetic field up to 52 T. Physical Review B, 2021, 104, .	1.1	6
28	Coexistence of Magnetoelectric and Antiferroelectric-like Orders in Mn3Ta2O8. Inorganic Chemistry, 2021, 60, 15078-15084.	1.9	1
29	Enhancement and Discontinuity of Effective Mass through the First-Order Metamagnetic Transition in UTe₂. Journal of the Physical Society of Japan, 2021, 90, 103702.	0.7	15
30	Restoration of the collinear spin arrangement in non-magnetic-ion-substituted M-type hexaferrite by high magnetic fields. Journal of Magnetism and Magnetic Materials, 2021, 538, 168251.	1.0	1
31	Magnetoconduction in the Correlated Semiconductor FeSi in Ultrastrong Magnetic Fields up to a Semiconductor-to-Metal Transition. Physical Review Letters, 2021, 127, 156601.	2.9	7
32	Above-ordering-temperature large anomalous Hall effect in a triangular-lattice magnetic semiconductor. Science Advances, 2021, 7, eabl5381.	4.7	6
33	Physical Properties of YbNi₂Ge₂ at High Magnetic Fields. , 2020, , .		0
34	Strong magnetic anisotropy and unusual magnetic field reinforced phase in URhSn with a quasi-kagome structure. Physical Review B, 2020, 102, .	1.1	6
35	Synthesis, Structure, and Anomalous Magnetic Ordering of the Spin-1/2 Coupled Square Tetramer System K(NbO)Cu₄(PO₄)₄. Inorganic Chemistry, 2020, 59, 10986-10995.	1.9	5
36	Capacitive detection of magnetostriction, dielectric constant, and magneto-caloric effects in pulsed magnetic fields. Review of Scientific Instruments, 2020, 91, 105103.	0.6	15

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37	Metamagnetic transitions and magnetoelectric responses in the chiral polar helimagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ni</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2020, 102, .	1.1	6
38	Anisotropic Fully Gapped Superconductivity Possibly Mediated by Charge Fluctuations in a Nondimeric Organic Complex. Physical Review Letters, 2020, 125, 177002.	2.9	12
39	Improved accuracy in high-frequency AC transport measurements in pulsed high magnetic fields. Review of Scientific Instruments, 2020, 91, 125107.	0.6	4
40	Intriguing behavior of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>UC</mml:mi><mml:msub><mml:mi mathvariant="normal">o</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">R</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi mathvariant="normal">h</mml:mi></mml:mrow></mml:math> ferromagnets in magnetic field along the <mml:math xmlns:mml="http://www.w3.org/1998/Math/Math	1.1	8
41	Anisotropic Quantum Transport through a Single Spin Channel in the Magnetic Semiconductor EuTiO₃. Advanced Materials, 2020, 32, e1908315.	11.1	13
42	Devil's staircase transition of the electronic structures in CeSb. Nature Communications, 2020, 11, 2888.	5.8	21
43	Magnetotransport properties of tellurium under extreme conditions. Physical Review B, 2020, 101, .	1.1	12
44	Dynamic evolution of flux distributions in a pulse-driven superconductor by high-speed magneto-optical imaging. Applied Physics Letters, 2020, 116, .	1.5	1
45	Highâ€Mobility 2D Hole Gas at a SrTiO₃ Interface. Advanced Materials, 2020, 32, e1906003.	11.1	20
46	Bulk quantum Hall effect of spin-valley coupled Dirac fermions in the polar antiferromagnet BaMnSb2. Physical Review B, 2020, 101, .	1.1	26
47	Magnetic phase diagram enriched by chemical substitution in a noncentrosymmetric helimagnet. Physical Review B, 2020, 101, .	1.1	1
48	High-field magnetization and magnetic phase diagram of metamagnetic shape memory alloys Ni50â^’Co Mn31.5Ga18.5 (xÂ=Â9 and 9.7). Scripta Materialia, 2020, 181, 25-29.	2.6	4
49	Magnetic structures and quadratic magnetoelectric effect in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>LiNiPO</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math> beyond 30 T. Physical Review B, 2020, 101, .	1.1	18
50	High-field ultrasonic study of quadrupole ordering and crystal symmetry breaking in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeRhIn</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math>. Physical Review B, 2020, 101, .	1.1	9
51	Magnetic field induced antiferromagnetic cone structure in multiferroic BiFeO3. Physical Review Materials, 2020, 4, .	0.9	3
52	Quantum Transport Phenomena in Narrow-Gap Semiconductors under High Pressure and High Magnetic Field. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2020, 30, 260-273.	0.1	0
53	Domain Control by Adjusting Anisotropic Stress in Pyrochlore Oxide Cd2Re2O7. Journal of the Physical Society of Japan, 2020, 89, 114711.	0.7	1
54	Thermodynamic Investigation of Metamagnetism in Pulsed High Magnetic Fields on Heavy Fermion Superconductor UTe₂. Journal of the Physical Society of Japan, 2019, 88, 083705.	0.7	35

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55	Direct coupling of ferromagnetic moment and ferroelectric polarization in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>BiFeO</mml:mi><mml:mn>3</mml:mn></mml:msub><m Physical Review B, 2019, 100, .	1.1	16
56	Bidirectional surface photovoltage on a topological insulator. Physical Review B, 2019, 100, .	1.1	11
57	Successive electric-polarization switches in the S=1/2 skew chain Co2V2O7 induced by a high magnetic field. Physical Review B, 2019, 100, .	1.1	7
58	Metamagnetic Transition in Heavy Fermion Superconductor UTe₂. Journal of the Physical Society of Japan, 2019, 88, 063706.	0.7	80
59	Large Enhancement of Thermoelectric Efficiency Due to a Pressure-Induced Lifshitz Transition in SnSe. Physical Review Letters, 2019, 122, 226601.	2.9	46
60	Quantized surface transport in topological Dirac semimetal films. Nature Communications, 2019, 10, 2564.	5.8	37
61	Topological transitions among skyrmion- and hedgehog-lattice states in cubic chiral magnets. Nature Communications, 2019, 10, 1059.	5.8	112
62	A series of magnon crystals appearing under ultrahigh magnetic fields in a kagomÃ© antiferromagnet. Nature Communications, 2019, 10, 1229.	5.8	40
63	Difference in magnetic and ferroelectric properties between rhombohedral and hexagonal polytypes of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">AgFeO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> : A single-crystal study. Physical Review B, 2019, 99, .	1.1	6
64	Magnetic and electrical properties of the ternary compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">U</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Ir</mml:mi><mml:mn>3</mml:mn></mml:m with one-dimensional uranium zigzag chains. Physical Review B, 2019, 99, .	1.1	4
65	Thermodynamic evidence of magnetic-field-induced complete valley polarization in bismuth. Scientific Reports, 2019, 9, 1672.	1.6	10
66	Magnetoelectric behavior from cluster multipoles in square cupolas: Study of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Sr</mml:mi><mml:mrow><mml:mo in comparison with Ba and Pb isostr. Physical Review B, 2019, 99, .	1.1	14
67	Engelhauptite: A variant of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo> kagome antiferromagnet. Physical Review Materials, 2019, 3, .	0.9	6
68	Large magneto-thermopower in MnGe with topological spin texture. Nature Communications, 2018, 9, 408.	5.8	36
69	Magnetic and Structural Properties of A-Site Ordered Chromium Spinel Sulfides: Alternating Antiferromagnetic and Ferromagnetic Interactions in the Breathing Pyrochlore Lattice. Journal of the Physical Society of Japan, 2018, 87, 034709.	0.7	30
70	Consecutive magnetic phase diagram of UCoGe-URhGe-UIrGe system. Physica B: Condensed Matter, 2018, 536, 532-534.	1.3	4
71	Deviation from the Kohlerâ€™s rule and Shubnikovâ€“de Haas oscillations in type-II Weyl semimetal WTe2: High magnetic field study up to 56 T. AIP Advances, 2018, 8, 101330.	0.6	5
72	Magnetic field effect on the chiral magnetism of noncentrosymmetric UPtGe: Experiment and theory. Physical Review B, 2018, 98, .	1.1	3

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73	Quantitative evaluation of Dirac physics in PbTe. Physical Review B, 2018, 98, .	1.1	12
74	Impact of antiferromagnetic order on Landau-level splitting of quasi-two-dimensional Dirac fermions in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>EuMnBi</mml:mi><mml:mn>2</mml:mn></mml:msub></ Physical Review B, 2018, 98, .	1.1	28
75	Formation and Control of Twin Domains in the Pyrochlore Oxide Cd2Re2O7. Journal of the Physical Society of Japan, 2018, 87, 104604.	0.7	9
76	Thermal, magnetic field- and stress-induced transformation in Heusler-type Co-Cr-Al-Si shape memory alloys. Scripta Materialia, 2018, 153, 35-39.	2.6	23
77	Unusual magnetoelectric memory and polarization reversal in the kagome staircase compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">N</mml:mi><mml:msub><mml:mi mathvariant="normal">i</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:mrow></mml:math>. Physi	1.1	17
78	Observation of Poiseuille flow of phonons in black phosphorus. Science Advances, 2018, 4, eaat3374.	4.7	51
79	Magnetic-field-induced transition for reentrant martensitic transformation in Co-Cr-Ga-Si shape memory alloys. Journal of Magnetism and Magnetic Materials, 2018, 466, 273-276.	1.0	7
80	Magnetic field induced phenomena in UIrGe in fields applied along the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>b</mml:mi></mml:math> axis. Physical Review B, 2018, 98, .	1.1	15
81	Negative magnetoresistance suppressed through a topological phase transition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>(</mml:mo><mml:msub><mml:mi>Cd</mml:mi> thin films. Physical Review B, 2018, 97, .	1.1	21
82	High-field phase diagram and phase transitions in hexagonal manganite ErMnO3. Physical Review B, 2018, 97, .	1.1	6
83	Negative-pressure-induced helimagnetism in ferromagnetic cubic perovskites Sr1âˆ'xBaxCoO3. Physical Review Materials, 2018, 2, .	0.9	6
84	Magnetic structural unit with convex geometry: A building block hosting an exchange-striction-driven magnetoelectric coupling. Physical Review Materials, 2018, 2, .	0.9	13
85	Magnetoelectric Behavior from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mn>1</mml:mn><mml:mo stretchy="false">/</mml:mo><mml:mn>2</mml:mn></mml:math> Asymmetric Square Cupolas. Physical Review Letters, 2017, 118, 107601.	2.9	21
86	Giant Exchange Coupling Evidenced with a Magnetization Jump at 52 T for a Gadolinium-Nitroxide Chelate. Inorganic Chemistry, 2017, 56, 3310-3314.	1.9	26
87	Electric Polarization Induced by Spin Ordering under Magnetic Fields in Distorted Triangular Lattice Antiferromagnet RbCoBr3. Journal of the Physical Society of Japan, 2017, 86, 044701.	0.7	2
88	Two-carrier analyses of the transport properties of black phosphorus under pressure. Physical Review B, 2017, 95, .	1.1	28
89	Phase diagram of multiferroic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>KCu</mml:mi><mml:mn>3</mml:mn></ mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:mi) Physical Review B, 2017, 95, .	1.1	6
90	Different metamagnetism between paramagnetic Ce and Yb isomorphs. Physical Review B, 2017, 96, .	1.1	8

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91	Rich magnetoelectric phase diagrams of multiferroic single-crystal Î±âˆ’NaFeO2. Physical Review B, 2017, 96, .	1.1	5
92	Magnetic transitions under ultrahigh magnetic fields of up to 130 T in the breathing pyrochlore antiferromagnet LiInCr4O8. Physical Review B, 2017, 95, .	1.1	24
93	Topochemical Crystal Transformation from a Distorted to a Nearly Perfect Kagome Cuprate. Chemistry of Materials, 2017, 29, 6719-6725.	3.2	10
94	Stress- and Magnetic Field-Induced Martensitic Transformation at Cryogenic Temperatures in Feâ€“Mnâ€“Alâ€“Ni Shape Memory Alloys. Shape Memory and Superelasticity, 2017, 3, 467-475.	1.1	12
95	High-field magnetization and magnetic phase diagram of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>âˆ’</mml:mtext><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2017, 95, .	1.1	26
96	Characteristic Physical Properties of the Non-Kramers Î“₃ Ground State in PrPt₂Cd₂₀. Journal of the Physical Society of Japan, 2017, 86, 074711.	0.7	3
97	Quantum Hall states observed in thin films of Dirac semimetal Cd3As2. Nature Communications, 2017, 8, 2274.	5.8	130
98	Anomalous antiferromagnetic state in Nd₂Co₁₂P₇. Journal of Physics: Conference Series, 2017, 868, 012020.	0.3	0
99	Successive field-induced transitions in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>BiFeO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> around room temperature. Physical Review Materials, 2017, 1, .	0.9	12
100	Spin Structure Change in Co-Substituted BiFeO₃. Journal of the Physical Society of Japan, 2016, 85, 064704.	0.7	26
101	Resistive memory effects in BiFeO3 single crystals controlled by transverse electric fields. Applied Physics Letters, 2016, 108, .	1.5	6
102	Magnetic-field-induced spin crossover of Y-doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Pr</mml:mi><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub><mml:mn>0.7</mml:m Physical Review B, 2016, 94, .	1.1	14
103	Quasi-two-dimensional Bose-Einstein condensation of spin triplets in the dimerized quantum magnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub><mml:msub><mml:mi>Cl</mml:mi><mml:mn>2</mml:mn></mml:msub> Physical Review B, 2016, 94, .	1.1	11
104	Superconductivity protected by spinâ€“valley locking in ion-gated MoS2. Nature Physics, 2016, 12, 144-149.	6.5	419
105	Quantum Hall effect in a bulk antiferromagnet EuMnBi ₂ with magnetically confined two-dimensional Dirac fermions. Science Advances, 2016, 2, e1501117.	4.7	171
106	Anomalous Behavior of Localized Magnetic Moments in Itinerant Ferromagnets Ln₂Co₁₂P₇ (Ln = Y, Pr, Nd, Sm, Gd and Dy). Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2016, 63, 652-656.	0.1	7
107	Magnetic field induced polar phase in the chiral magnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CsCuCl</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> Physical Review B, 2015, 92, .	1.1	11
108	Development of non-metallic diamond anvil cell and quantum oscillation measurement of CePt₂In₇ in a pulsed-magnet. Journal of Physics: Conference Series, 2015, 592, 012149.	0.3	4

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109	Possible Excitonic Phase of Graphite in the Quantum Limit State. Journal of the Physical Society of Japan, 2015, 84, 054709.	0.7	33
110	Anomalous Quantum Transport Properties in Semimetallic Black Phosphorus. Journal of the Physical Society of Japan, 2015, 84, 073708.	0.7	23
111	Thermodynamics and Kinetics of Martensitic Transformation in Ni-Mn-based Magnetic Shape Memory Alloys. MATEC Web of Conferences, 2015, 33, 01004.	0.1	2
112	Unconventional â˜ Log T Dependent Resistivity in SmxLa1â˜xTa2Al20. Physics Procedia, 2015, 75, 522-528.	1.2	1
113	One-Third Magnetization Plateau with a Preceding Novel Phase in Volborthite. Physical Review Letters, 2015, 114, 227202.	2.9	65
114	High field studies on BiFeO 3 single crystals grown by the laser-diode heating floating zone method. Journal of Magnetism and Magnetic Materials, 2015, 383, 259-261.	1.0	6
115	Magnetic control of transverse electric polarization in BiFeO3. Nature Communications, 2015, 6, 5878.	5.8	94
116	Field Evolution of Quantum Critical and Heavy Fermi-Liquid Components in the Magnetization of the Mixed Valence Compound Î²-YbAlB₄. Journal of the Physical Society of Japan, 2015, 84, 024710.	0.7	11
117	Successive Magnetic Transitions of Ca₂CoSi₂O₇in High Magnetic Fields. Journal of the Physical Society of Japan, 2014, 83, 093704.	0.7	13
118	Magnetic and Dielectric Properties in Multiferroic Cu₃Mo₂O₉under High Magnetic Fields. , 2014, , .		2
119	Magnetic Properties of Chalcopyrite Cu_{1â˜}_xFeS₂ at Low Temperatures. , 2014, , .		2
120	Direct measurements of inverse magnetocaloric effects in metamagnetic shape-memory alloy NiCoMnIn. Physical Review B, 2014, 90, .	1.1	129
121	Anisotropic upper critical field of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">BiS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>-based superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">LaO</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal"></mml:mi>	1.1	19
122	Magnetic Field-Induced Reverse Martensitic Transformation and Thermal Transformation Arrest Phenomenon of Ni41Co9Mn39Sb11 Alloy. Metals, 2014, 4, 609-622.	1.0	13
123	Heat Pulse Measurements of Specific Heat under High Magnetic Fields at Low Temperatures. , 2014, , .		1
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